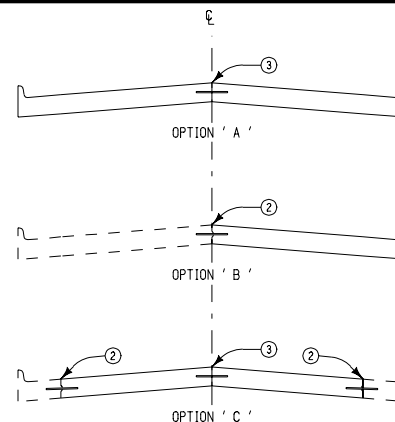


TYPICAL PAVEMENT PLAN



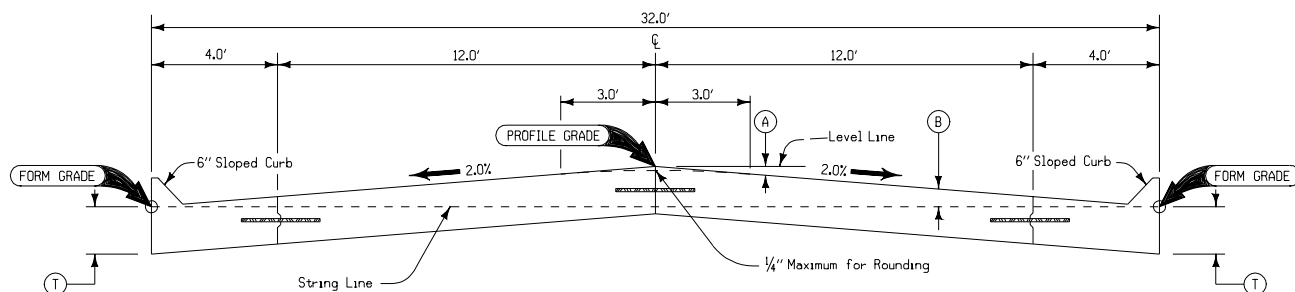
PAVING OPTIONS

Unless specified otherwise in the detail project plans it is the contractor's option to construct 32' PCC pavement in one of the following options:

Option 'A' Pour full 32' back to back section.

Option 'B' Pour one half of 32' back to back section.

Option 'C' Pour center 24' of the 32' back to back section and then pour the 4' curb and gutter section separately.



TYPICAL CROSS SECTION

OFFSETS FOR 32' PAVEMENT WITH 6" SLOPED CURBS

Distance From C	0	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
(A) Inches	—	¼	½	¾	1	1 ¼	1 ½	1 ¾	2	2 ¼	2 ½	2 ¾	3	3 ¼	3 ½	3 ¾	4
Feet	0	.02	.04	.06	.08	.10	.12	.14	.16	.18	.20	.22	.24	.26	.28	.30	.32
(B) Inches	3 ¾	3 ¾	3 ¾	3 ¾	2 ¾	2 ¾	2 ¾	2 ¾	1 ¾	1 ¾	1 ¾	1 ¾	¾	¾	¾	¾	—
Feet	.32	.30	.28	.26	.24	.22	.20	.18	.16	.14	.12	.10	.08	.06	.04	.02	—

PER STATION DESIGN VALUES FOR (32' B-B) PAVEMENT SECTION (4)

ITEM	UNIT	T=6"	T=7"	T=8"	T=9"	T=10"
Section Area	Sq. Ft.	16.6	19.2	21.9	24.6	27.2
Concrete Volume	Cu. Yds.	61.4	71.2	81.1	91.0	100.9
Surface Area	Sq. Yds.	355.6	355.6	355.6	355.6	355.6

# GENERAL NOTES:

Details indicated on this plan are intended to illustrate the general requirements for Two-lane P.C. Concrete Pavements 32.0' in width.

Refer to Standard Road Plans RH-50, 51 and 52 for details of construction of joints in pavement. Transverse Joints will be 'CD' except when 'C' joints are specifically required as a part of detail project plans or when T is less than 8".

Normal crown shall be a straight line sloped from the profile grade for the distance and rate indicated. This crown may be varied through superelevated curves and intersection areas where special shaping is required or other areas specifically authorized by the Engineer.

The price bid for "Standard or Slip-Form PCC pavement" class and thickness as specified, in sq. yds, including all required joints, shall be considered full compensation for the construction of pavement as detailed hereon.

- Transverse Joint spacing 20' (normal) for 'CD' joint (no dowels in outside 3.5' of pavement). 15' (normal) for 'C' joint.
- 'BT-1' Joint if pavement thickness is less than 8". 'KT-2' Joint, if pavement thickness is 8" or greater.
- 'L-1' Joint if pavement thickness is less than 8". 'L-2' Joint, if pavement thickness is 8" or greater.
- Quantities include 6" Sloped Curb.

Iowa Department of Transportation  
Highway Division

**STANDARD ROAD PLAN**

**RH-45C**

REVISION: Remove skewed joints.

REVISION NO.  
2

REVISION DATE  
04-30-02

APPROVED BY DESIGN METHODS ENGINEER

WILLIAM J. STEN

TWO LANE 32' WIDE  
P. C. CONCRETE PAVEMENT  
(WITH 6" SLOPED CURB)